Substitute for form 1449/PTO	200	e through 07/31/2006. OMB 0651-003 ; U.S. DEPARTMENT OF COMMERCI It contain s a valid OMB control number	IAP 15 Recourse		30.00.10 0.0	2001 ACC OF 1893, 110	Under the Paperwork Reduc		
Filing Date			- 121 - 12 - 12 - 12 - 13 - 13 - 13 - 13					bstitute fo	Su
First Named Inventor	U	10/5654							
First Named Inventor			lerewith			Filing Date	אי טופטן טפווסב	MATIC	INEOD
Art Unit			David Sizer		Inventor	First Named			
Attorney Docket No.							D1 A11 2,0A111(0)		OIAIL
DAME 2 00052 U.S. PATENT DOCUMENTS									
Cite					ket No.	Attorney Doc	eet 1 of 1	She	
Initials* No. Number-Kind Code Number-Kind			NTS	CUME	ATENT	U.S. P.			
AB							Document No. Number-Kind Code (ff known)		
AC US-4,331,735 05/25/1982 Shanoski, et al. AD US-4,414,173 11/08/1983 Cobbledick, et al. AE US-4,515,770 05/07/1985 Cobbledick, et al. AF US-5,084,353 01/28/1992 Cobbledick, et al. AG US-5,391,399 02/21/1995 Cobbledick, et al. AH US-5,498,763 03/12/1996 McGarry, et al. AI US-5,523,337 06/04/1996 Banerjee, et al. AJ US-5,614,581 03/25/1997 Cobbledick, et al. AK US-5,658,672 08/19/1997 Lenke, et al. AK US-5,658,672 08/19/1997 Lenke, et al. AL US-5,777,053 07/07/1998 McBain, et al. FOREIGN PATENT DOCUMENTS Examiner Initials* No. Country Code-Number Kind Code (** txxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx			Shanoski, et al.)	02/19/1980	US-4,189,517	AA	
AD			Shanoski, et al.			09/16/1980	US-4,222,929	AB	
AE US-4,515,710 05/07/1985 Cobbledick, et al. AF US-5,084,353 01/28/1992 Cobbledick, et al. AG US-5,391,399 02/21/1995 Cobbledick, et al. AH US-5,498,763 03/12/1996 McGarry, et al. AI US-5,523,337 06/04/1996 Banerjee, et al. AJ US-5,614,581 03/25/1997 Cobbledick, et al. AK US-5,668,672 08/19/1997 Lenke, et al. AL US-5,777,053 07/07/1998 McBain, et al. FOREIGN PATENT DOCUMENTS Examiner Initials* Cite Foreign Patent Document Publication Date MM-DD-YYYY Applicant of Cited Document Country Code-Number Kind Code (It brown) MM-DD-YYYY Applicant of Cited Document AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published		Shanoski, et al.			2	05/25/198	US-4,331,735	AC	
AF		Cobbledick, et al.		3	11/08/198	US-4,414,173	AD		
AG		Cobbledick, et al.			5	05/07/1989	US-4,515,710	AE	
AH		Cobbledick, et al.			2	01/28/199	US-5,084,353	AF	
Al					5	02/21/199	US-5,391,399	AG	
Al US-5,523,337 06/04/1996 Banerjee, et al.					ŝ	03/12/199	US-5,498,763	АН	
AJ						06/04/199	<u> </u>	ΑI	
AK US-5,658,672 08/19/1997 Lenke, et al. AL US-5,777,053 07/07/1998 McBain, et al. FOREIGN PATENT DOCUMENTS Examiner Initials* No. Country Code-Number Kind Code (# known) AM EP 0854157 B1 07/22/1998 Omnova Solutions Inc. AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AP OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Cite No. Country Code-Number Kind Code (# known) Country Code-Number Kind Code (# known) Country Code-Number Kind Code (# known) OTHER - NON PATENT LITERATURE OCUMENTS Examiner Initials* Cite No. Cite No. AP Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published		Cobbledick, et al.		7	03/25/199	US-5,614,581	AJ		
AL US-5,777,053 07/07/1998 McBain, et al.				7	08/19/199				
FOREIGN PATENT DOCUMENTS Examiner Initials* Cite No. Country Code-Number Kind Code (If known) AM EP 0854157 B1 07/22/1998 Omnova Solutions Inc. AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AO AP OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Cite Nown Patent Document MM-DD-YYYY Applicant of Cited Document MM-DD-YYYY Applicant O		,							
Initials* No. Country Code-Number Kind Code (if known) AM EP 0854157 B1 07/22/1998 Omnova Solutions Inc. AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AO AP OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR		-					00 0,111,000		
Country Code-Number Kind Code (if known) AM EP 0854157 B1 07/22/1998 Omnova Solutions Inc. AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AO AP OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR	\Box		A - Parent of O'the d Days are at		1 0000		Foreign Patent Doc		
AN WO 2005/010160 A2 02/03/2005 Omnova Solutions Inc. AO AP OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR	İ	Cited Document			MM-D	Code (if known)			initials"
AO OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR		•	Omnova Solutions Inc.	98	07/22/		EP 0854157 B1	AM	
OTHER - NON PATENT LITERATURE DOCUMENTS Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR			Omnova Solutions Inc.)5	02/03/2		WO 2005/010160 A2	AN	
Cite Initials* Cite No. Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR									
Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR								AP	
Initials* No. (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volumeissue number(s), publisher, city and/or country where published AQ AR			RE DOCUMENTS	RATUR	ENT LI	R - NON PAT	OTHE		
AR		riate), title of the item issue number(s),	g, etc.), date, page(s), volumei:	n, catalog	al, sympos	ine, journal, seri	Include name of (book, magaz		
								AQ	
AS								AR	
AT								AT	

Examiner		Date	
Signature		Considered	
	I	<u> </u>	L